

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**June**

**2012**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**July 19, 2012**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Many areas across the San Angelo hydrologic service area (HSA) received below normal rainfall during the month of June. Areas along and west of a Lake Stamford to Roosevelt line generally received less than 50 percent of the monthly normal rainfall for June.

Early in the month, from the 4<sup>th</sup> through the 7<sup>th</sup>, a weak upper level low pressure system moved across north Texas into Oklahoma. This system initiated thunderstorms and showers across portions of the HSA. As much as two to three inches of rain was reported in Brown County. Amounts ranging from one to two inches fell across Taylor, Runnels Callahan, Coleman, McCulloch, San Saba and Kimble Counties.

Scattered showers and thunderstorms occurred mid month, from 13<sup>th</sup> through 17<sup>th</sup>. Isolated areas across Kimble, Concho and Brown Counties received over two inches of rain.

Generally, the last half of the month was hot and dry. By the end of June, the U.S. Drought Monitor depicted severe to extreme drought conditions across portions of Crockett, Sutton, Fisher, Jones, Shackelford, Haskell and Throckmorton Counties. Much of the remainder of the HSA was in moderate drought conditions.

The San Angelo Regional Airport received 0.53 of an inch of precipitation during June, which was 2.06 inches below normal for the month. The monthly normal rainfall for San Angelo in June is 2.59 inches.

The Abilene Regional Airport received 2.11 inches of precipitation during June, which was 1.45 inches below normal for the month. The monthly normal rainfall for Abilene in June is 3.56 inches.

Junction received 1.64 inches of rain during June. The estimated average monthly rainfall in June is about 3.75 inches.

**Reservoir Conditions (end of June, 2012)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	34,010	49
Lake Stamford	52,700	20,450	40
Hubbard Creek Lake	317,800	130,990	41
Hords Creek Lake	8,800	810	10
Lake Brownwood	131,428	71,260	54
E.V. Spence	488,760	1,750	0
O.C. Fisher	119,200	210	0
O.H. Ivie	554,340	83,920	15
Twin Buttes	177,800	10,900	6

**Hydro Products Issued**

FLS = 8 (Flood Advisory)

ESF = 2 (Probabilistic Fcst)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for June across the San Angelo HSA is depicted below.

